

New Preston CT Black Rot - Grape From 2010-09-15 To 2010-09-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	67.8	47.3		0.00	
09/16	68.8	43.1	8.8	1.03	Infection Risk
09/17	64.4	57.0	9.5	2.27	Infection Risk
09/18	70.1	53.2	2.5	0.17	
09/19	78.0	53.2	8.5	0.74	
09/20	66.1	49.6	3.3	0.19	
09/21	69.8	42.0	0.3	0.02	
09/22	83.2	56.2	4.3	0.64	
09/23	78.9	57.5	5.0	1.29	Infection Risk
09/24	83.7	58.6	9.8	0.84	
09/25	83.0	59.6	3.0	0.91	
09/26	73.6	51.9	0.3	0.01	
09/27	65.2	54.4	18.8	1.82	Infection Risk
09/28	71.3	65.5	18.3	4.99	Infection Risk

New Preston Botrytis - Grape From 2010-09-15 To 2010-09-28

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/15	67.8	47.3			0.00	
09/16	68.8	43.1	13.3	7.8	0.00	
09/17	64.4	57.0	9.5	8.5	0.00	
09/18	70.1	53.2	2.5	1.0	0.00	
09/19	78.0	53.2	8.5	8.5	0.00	
09/20	66.1	49.6	3.3		0.00	
09/21	69.8	42.0	2.8		0.00	
09/22	83.2	56.2	4.3	2.5	0.00	
09/23	78.9	57.5	5.0		0.00	
09/24	83.7	58.6	9.8	6.5	0.00	
09/25	83.0	59.6	3.0	0.3	0.00	
09/26	73.6	51.9	0.3		0.00	
09/27	65.2	54.4	18.8	18.8	1.60	High Infection Risk
09/28	71.3	65.5	18.3	17.8	1.95	High Infection Risk

New Preston CT Downy Mildew - Grape From 2010-09-15 To 2010-09-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	67.8				0.0	0.0	0	
09/16	68.8	0.0	0.15	13.3	5.5	0.0	1	Primary Infection
09/17	64.4	>min	0.02	9.5	8.3	0.0	1	Possible Infection
09/18	70.1	>min		2.5	0.0	0.0	0	
09/19	78.0	>min		8.5	8.3	0.0	1	Possible Infection
09/20	66.1	>min		3.3	0.0	0.0	0	
09/21	69.8	>min		1.5	0.0	0.0	0	
09/22	83.2	>min	0.04	4.3	1.5	1.5	3	High Risk of Infection
09/23	78.9	>min		5.0	0.0	0.0	0	
09/24	83.7	>min		9.8	4.8	0.0	1	Possible Infection
09/25	83.0	>min		3.0	0.0	0.0	0	
09/26	73.6	>min		0.3	0.0	0.0	0	
09/27	65.2	>min	0.03	18.8	18.3	0.0	1	Possible Infection
09/28	71.3	>min	0.03	18.3	16.8	16.3	3	High Risk of Infection

New Preston CT Powdery Mildew - Grape From 2010-09-15 To 2010-09-28

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/15	67.8	55.8	0.0	0.0	0.0		
09/16	68.8	57.0	0.0	0.0	12.8		
09/17	64.4	61.0	0.0	0.0	9.5	Heavy	
09/18	70.1	59.6	0.3	0.0	2.3		
09/19	78.0	65.0	8.3	0.0	8.5		
09/20	66.1	58.5	0.0	0.0	2.8		
09/21	69.8	57.4	0.0	0.0	2.5		
09/22	83.2	68.3	10.0	0.0	4.3		
09/23	78.9	67.5	9.0	0.0	3.8		
09/24	83.7	69.4	10.8	0.0	8.5		60 Heavy
09/25	83.0	73.0	16.5	0.0	2.8		80 Heavy
09/26	73.6	62.3	5.0	0.0	0.3		70 Heavy
09/27	65.2	58.2	0.0	0.0	18.8	Heavy	60 Heavy
09/28	71.3	69.6	3.8	0.0	18.0	Heavy	50 Medium

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-28

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/15	55.8	0.8	0.00	0.0	0.0	0	0
09/16	57.0	14.5	0.15	8.3	61.5	35 Moderate	57 Moderate
09/17	61.0	9.8	0.02	18.0	62.1	107 High	130 High
09/18	59.6	3.0	0.00	0.0	0.0	0	0
09/19	65.0	8.5	0.00	0.0	0.0	0	0
09/20	58.5	3.5	0.00	0.0	0.0	0	0
09/21	57.4	3.5	0.00	0.0	0.0	0	0
09/22	68.3	5.0	0.04	3.0	67.8	8 Light	21 Light
09/23	67.5	7.0	0.00	6.3	67.2	23 Light	46 Moderate
09/24	69.4	13.0	0.00	0.0	0.0	0	0
09/25	73.0	4.8	0.00	0.0	0.0	0	0
09/26	62.3	0.8	0.00	0.0	0.0	0	0
09/27	58.2	20.3	0.03	17.5	59.1	96 High	115 High
09/28	69.6	18.5	0.03	31.0	63.6	234 High	236 High

Wet+Rain is the number of rain-initiated leaf wetness hours
Wet Temp is the mean temperature during the rain-initiated wetness period
Disease Intensity projects the estimated lesions per leaf